In the Claims:

Cancel claims 1-3 and 6-10, and amend claim 4 as follows:

4. (Currently amended) A power generation system employing a fast light-off reformer comprising:

a catalytic reformer characterized by at least one reactor tube, said reactor tube having an inlet in a first end for receiving a flow of fuel and a flow of air, a reforming catalyst disposed within said reactor tube for converting said fuel and said air to a reformate stream, and an outlet in a second end for discharging said reformate stream;

an ignition device disposed within said reactor tube for initiating an exothermic reaction between said fuel and said air and using heat energy generated thereby to provide fast light-off of said reforming catalyst;

a control system for selecting fuel and air flow rate and operating said ignition device so as to achieve fast light-off of said reforming catalyst at start-up and to maintain said catalyst at a temperature sufficient to optimize reformate yield; and

a power generation system ~~operating~~ fueled at least partially ~~on~~ by reformate provided by said fast light-off reformer ~~fueling~~, said power generation system having a fuel inlet in fluid communication with said reformer outlet.

5. (Original) The fast light-off reformer-power generation system of claim 4, wherein said power generation system is an engine, a spark ignition engine, a hybrid vehicle, a diesel engine, a fuel cell, a solid oxide fuel cell, or a combination thereof.